

NORTH DAKOTA DEPARTMENT OF HEALTH
STATE FORENSIC EXAMINER
2637 E MAIN AVE
BISMARCK, ND 58501
701-328-6138

AUTOPSY NO. NDME 20-008
DATE/DAY 02/10/2020
TIME 0850

REPORT OF AUTOPSY

DECEDENT Prudente, John

AUTOPSY AUTHORIZED BY: Josh Seif - Coroner, Morton County

BODY IDENTIFIED BY: Metropolitan Ambulance on 02/08/2020 at 2044

PERSONS PRESENT AT AUTOPSY: Dr. Massello, J. Harsche, F.L. Geiger, C. Saylor, A. Droske - ND BCI

Rigor: complete Livor Color: maroon/lavender Distribution: posterior
Age: 36 Race: white Sex: male Length: 69" Weight: 199lbs Eyes: brown Pupils: Right 4mm Left 4mm
Hair: dark brown Moustache: yes Beard: full Body heat: refrigerated

PATHOLOGIC DIAGNOSES:

1. History of schizophrenia and recent physical altercation.
2. Superficial abrasions, lower extremities and forehead.
3. Contusions, bilateral, tongue and pharynx, in association with endotracheal tube placement.
4. Granuloma, right lung.
5. No lethal injuries.
6. Postmortem toxicology: methamphetamine and metabolite (toxic concentration); quetiapine – therapeutic concentration; cannabinoids – present.

POSTMORTEM SUMMARY:

This 36 year old white male had a reported history of schizophrenia. He was the driver of a motor vehicle that had been routinely stopped by law enforcement officials. He then became physically agitated and combative, and required physical restraint, during which time an electrical conductivity device was deployed. Either during restraint or shortly thereafter, he became unresponsive. An automatic external defibrillator device was applied but recommended no electrical shock. He was declared dead at a local medical treatment facility. His full postmortem examination revealed findings consistent with death resulting from alcohol poisoning, drug poisoning and/or excited delirium. This was confirmed by postmortem toxicology studies that demonstrated a toxic level of the stimulant drug methamphetamine, along with an antipsychotic prescription drug and cannabinoids. No lethal injuries or other abnormalities of the internal organs were noted that would have caused or contributed to his death.

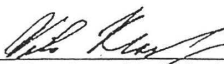
CAUSE OF DEATH: EXCITED DELIRIUM DUE TO METHAMPHETAMINE POISONING AND SCHIZOPHRENIA
Contributory cause: physical exertion

Provisional Report: _____

Final Report: X

The facts stated herein are true and correct to the best of my knowledge and belief.

3/18/2020 ND State Forensic Examiners Office
Date Signed Place of Autopsy


Signature of Pathologist
William Massello III, M. D.
Acting State Forensic Examiner

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AUTOPSY NDME 20-008

GROSS DESCRIPTION

EXTERNAL FINDINGS:

CLOTHING: Partially clothed; black stretchable Fruit of the Loom underwear.

PERSONAL EFFECTS: None

EVIDENCE OF THERAPY: Recent venipuncture mark, dorsum of right hand; intravenous catheters, right wrist, right antecubital fossae, dorsum of left hand; endotracheal tube; resuscitation abrasion, center of chest.

IDENTIFYING FEATURES: None prominent.

GENERAL APPEARANCE: Young male; moderately obese, heavy set body habitus; dried blood present on lower extremities; body generally clean and dry without debris.

SKIN: Swarthy complexion; scattered nevi present; healing acneiform lesions, widely distributed, anterior preclavicular region; no rashes.

EXTREMITIES: Superficial abrasions present on lower extremities (see below); very short, unbroken, slightly dirty fingernails; green residue present on palmar surface of left hand; no scars or needle tracks identified; postmortem bruises noted in axillary region on left side.

TRUNK: Protuberant, tympanitic abdomen; abundant chest and abdominal hair; polyhedral, brown resuscitation abrasion present on front of chest.

HEAD, FACE, NECK: No neck ligature imprints; congested sclerae and conjunctivae without petechial or ecchymotic hemorrhages; cloudy corneas; arcus senilis present bilaterally; nasal septum intact; extensive decay, anterior teeth; no intraoral mucosal contusions or abrasions identified.

EXTERNAL GENITALIA: Circumcised; testis palpable in scrotum; fecal pledget present in anal canal; normal perianal skin and mucosa.

EXTERNAL INJURIES (diagrammed):

- Superficial scratches, faint, forehead.
- Black dirt covering and within area of superficial abrasions, left prepatellar region.
- Superficial abrasions right prepatellar region.
- Scratch, left eyelid, 2 cm long.

CRANIAL FINDINGS: Supragaleal, 1 cm diametered left frontal scalp hemorrhage present. Skull of normal thickness without fractures. Brain: weight 1450. Congested. No subdural or epidural hemorrhages. No parenchymal lesions, especially no injuries.

INTERNAL FINDINGS:

GENERAL: No cavity blood or effusions. Blood is fluid and flows in abundance from cut surfaces of large veins.

AXIAL SKELETON: No recent fractures.

ORONASAL CAVITY, NECK STRUCTURES: Bilateral submucosal and intramuscular contusions noted of anterior tongue. Posterior tongue without congestion. Submucosal, blotchy hemorrhages present in posterior pharynx. Blood tinged mucoïd fluid present in larynx and trachea. Airway patent. Thyroid gland smaller than average with congestion; normal architecture. No injuries to larynx, strap muscles or sternomastoid muscles present. Small amount of hemorrhage noted around right greater cornu of hyoid bone.

AORTA AND GREAT VESSELS: Elastic with smooth intima. No lesions.

ESOPHAGUS: Congested. Proximal esophagus demonstrates submucosal hemorrhages. Normal mucosa.

STOMACH: Large in size. Contains an estimated 1 liter of thick yellow chyme representing partially digested material within which can be identified fragments of French fries. Congested mucosa with slightly effaced gastric rugae. No lesions.

INTESTINES: Appendix present. Large bowel empty of feces. Moderately abundant mesenteric, omental and retroperitoneal fat. No lesions.

HEART: Weight 440 grams. Normal myocardium and valves.

CORONARY ARTERIES: Thin walled, widely patent, without anomalies.

LUNGS: Right 600 grams, left 490 grams. Right lower lobe demonstrates intraparenchymal, 1 cm diametered yellow, firm, granuloma. Lung parenchyma congested with mild amount of edema froth on cut surface. No injuries or pulmonary emboli.

DIAPHRAGM: No lesions.

PERICARDIUM: Intact with glistening mesothelium.

LIVER: Weight 2300 grams. Intact capsule with congested parenchyma.

GALLBLADDER: Small. Bile present in lumen. No calculi.

ADRENALS: Normal architecture bilaterally.

PANCREAS: infiltrated by fat. Normal parenchyma.

SPLEEN: Weight 120 grams. Intact capsule. Normal architecture on cut surface.

KIDNEYS: Right 160 grams, left 170 grams. Surface is smooth. Normal architecture with congestion on cut surfaces. Ureters not dilated.

URINARY BLADDER: Partially full. Table side urine drug screen reveals positivity for methamphetamine, amphetamine, tricyclic antidepressants and THC. Normal mucosa.

PROSTATE: Small, normal architecture and consistency.

LYMPH NODES: Normal size and consistency.

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AUTOPSY NDME 20-008

MICROSCOPICS:

HEART: no lesions; mild autolysis normal SA and AV nodes.

CORONARY ARTERY: concentric and eccentric intimal lipid deposition with greater than 75 percent luminal occlusion with cholesterol clefts.

BRAIN: hippocampal formation, brainstem and cerebellum demonstrate no lesions.

LUNG: congested; marked autolysis; bacterial colonies are present; rare interstitial polarizable crystals; caseating granuloma identified.

LIVER: widespread midzonal fatty metamorphosis.

SPLEEN: autolysis; no lesions.

KIDNEY: autolysis; no polarizable crystals.

TONGUE: recent hemorrhage without inflammatory response or organization.

BONE MARROW: normocellular; no lesions.

SKELETAL MUSCLE: autolysis; no lesions.

ADRENAL GLAND: no lesions.

THYROID GLAND: autolysis; no lesions.

PANCREAS: moderate autolysis; no lesions.

LYMPH NODE: normal architecture; autolysis; no lesions.

PERICARDIUM: no lesions.

SKELETAL MUSCLE: no lesions.

OTHER PROCEDURES: TOX X PHOTO X DNA X MICROSCOPICS X

BCI20-00074/11 #2



OFFICE OF ATTORNEY GENERAL
Crime Laboratory Division
2641 East Main Avenue
Bismarck, ND 58501-5044

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Tel. (701) 328-6159
(800) 296-2054
Fax (701) 328-6185

TOXICOLOGY ALCOHOL/VOLATILES ANALYTICAL REPORT

Case Number: CLD20-00631
Subject: John Prudente
Report Date: February 14, 2020
Report To: Dr. William Massello III
Submitting Agency: ND State Forensic Examiner's Office
2637 East Main Avenue
Bismarck, ND 58506
Agency Case Number: NDME 20-008
Submitted Date/Time: February 10, 2020 14:18
Delivery Method: Hand to Hand via Jessica Harsche
Collection Kit: Item 1
Sealed Container - Yes
Labeled Tube or Container - Yes
Item 2
Sealed Container - Yes
Labeled Tube or Container - Yes
Item 3
Sealed Container - Yes
Labeled Tube or Container - Yes

Item(s) Submitted:

Item 1: One sealed grey stoppered tube containing 8 mL of blood
Item 2: One sealed green stoppered tube containing 7 mL of blood
Item 3: One sealed container with yellow screw top containing 60 mL of urine

Summary of Analysis: (Testing started on February 13, 2020 and ended on February 14, 2020)

Item	Test	Results	Method	Instrument
Item 1	Alcohol/Volatile Analysis	Ethanol 0.000 g/100mL	TxS-020 Approved Method to Conduct Blood Alcohol Analysis (Rev. 0.6)	PE Clarus 500 GC SN: 580S14050502
Item 2	Alcohol/Volatile Analysis	Alcohol/Volatile Analysis was not completed on this item		
Item 3	Alcohol/Volatile Analysis	Alcohol/Volatile Analysis was not completed on this item		

Notes:

Toxicology Carboxyhemoglobin and Drug results will be issued in a separate laboratory report.

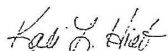
Disposition:

All items: Samples will be returned to your office at our earliest convenience.

The undersigned forensic scientist(s) is(are) a designee of the Director of the North Dakota Office of Attorney General, Crime Laboratory Division. The results and conclusions in this report are the opinions and interpretations of the analyst(s) from the analysis of submitted evidence. This report shall not be reproduced except in full without approval of the Crime Laboratory Division.

Sincerely,

Crime Laboratory Division



Kali L. Hieb
Forensic Scientist

Analysis Performed:
Alcohol/Volatile Analyst



OFFICE OF ATTORNEY GENERAL
Crime Laboratory Division
2641 East Main Avenue
Bismarck, ND 58501-5044

Tel. (701) 328-6159
(800) 296-2054
Fax (701) 328-6185

A handwritten signature in black ink, likely belonging to an official of the Office of Attorney General.

TOXICOLOGY CARBOXYHEMOGLOBIN ANALYTICAL REPORT

Case Number: CLD20-00631
Subject: John Prudente
Report Date: February 12, 2020
Report To: Dr. William Massello III
Submitting Agency: ND State Forensic Examiner's Office
2637 East Main Avenue
Bismarck, ND 58506
Agency Case Number: NDME 20-008
Submitted Date/Time: February 10, 2020 14:18
Delivery Method: Hand to Hand via Jessica Harsche
Collection Kit:
Item 1
Sealed Container - Yes
Labeled Tube or Container - Yes
Item 2
Sealed Container - Yes
Labeled Tube or Container - Yes
Item 3
Sealed Container - Yes
Labeled Tube or Container - Yes

Item(s) Submitted:

Item 1: One sealed grey stoppered tube containing 8 mL of blood
Item 2: One sealed green stoppered tube containing 7 mL of blood
Item 3: One sealed container with yellow screw top containing 60 mL of urine

Summary of Analysis: (Testing started on February 11, 2020 and ended on February 11, 2020)

Item	Test	Results	Method	Instrument
Item 1	Carboxyhemoglobin	Carboxyhemoglobin analysis was not completed on this item		
Item 2	Carboxyhemoglobin	Less than 10%	TxS-019 AVOXimeter® 4000 Carboxyhemoglobin Analysis (Rev. 0.5)	Avoximeter® 4000 SN 41841
Item 3	Carboxyhemoglobin	Carboxyhemoglobin analysis was not completed on this item		

Notes:

Toxicology Alcohol/Volatile and Drug results will be issued in a separate laboratory report.

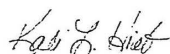
Disposition:

All items: Samples will be returned to your office at our earliest convenience.

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Sincerely,

Crime Laboratory Division



Kali L. Hieb
Forensic Scientist

Analysis Performed:
Carboxyhemoglobin Analyst



OFFICE OF ATTORNEY GENERAL
 Crime Laboratory Division
 2641 East Main Avenue
 Bismarck, ND 58501-5044

Tel. (701) 328-6159
 (800) 296-2054
 Fax (701) 328-6185

TOXICOLOGY DRUG ANALYTICAL REPORT

Case Number: CLD20-00631
Subject: John Prudente
Report Date: March 4, 2020
Report To: Dr. William Massello III
Submitting Agency: ND State Forensic Examiner's Office
 2637 East Main Avenue
 Bismarck, ND 58506-5520
Agency Case Number: NDME 20-008
Submitted Date/Time: February 10, 2020 14:18
Delivery Method: Hand to Hand via Jessica Harsche
Collection Kit:
 Item 1
 Sealed Container - Yes
 Labeled Tube or Container - Yes
 Item 2
 Sealed Container - Yes
 Labeled Tube or Container - Yes
 Item 3
 Sealed Container - Yes
 Labeled Tube or Container - Yes

Item(s) Submitted:

Item 1: One sealed grey stoppered tube containing 8 mL of blood
 Item 2: One sealed green stoppered tube containing 7 mL of blood
 Item 3: One sealed container with yellow screw top containing 60 mL of urine

Summary of Analysis: (Testing started on February 14, 2020 and ended on March 4, 2020)

Item	Test	Results	Method	Instrument
Item 1	Drug Analysis	Drug Analysis was not completed on this item		
Item 2	Drug Analysis	Drug Analysis was not completed on this item		

Item 3	Salicylate Screen/Trinder's	Negative	TxS-007 Salicylate Screening (Rev. 0.4)	Qualitative Test. No instrument was used.
Item 3	Cannabinoid Screen/Alere iCassette® THC Test Device	Positive	TxS-011 Cannabinoid Screening in Urine (Rev. 0.7)	Qualitative Test. No instrument was used.
Item 3	Cannabinoid Confirmation/GC-MS	Positive	TxS-012 THCA Confirmation in Urine (Rev. 0.7)	Agilent GC/MS 5977A S/N: US1519M412
Item 3	Urine Drug Screen	Amphetamine	TxS-018 SPE of Acidic, Neutral, Basic Drugs from Urine (Rev. 0.4); TxS-026 De-Tox Tube Analysis (Rev. 0.0)	AB 3200 QTrap LC/MS/MS S/N: AF20880902 PerkinElmer GC/MS Clarus 600 S/N: 664N7060102
Item 3	Urine Drug Screen	Methamphetamine	TxS-018 SPE of Acidic, Neutral, Basic Drugs from Urine (Rev. 0.4); TxS-026 De-Tox Tube Analysis (Rev. 0.0)	AB 3200 QTrap LC/MS/MS S/N: AF20880902 PerkinElmer GC/MS Clarus 600 S/N: 664N7060102
Item 3	Urine Drug Screen	Quetiapine	TxS-018 SPE of Acidic, Neutral, Basic Drugs from Urine (Rev. 0.4); TxS-026 De-Tox Tube Analysis (Rev. 0.0)	AB 3200 QTrap LC/MS/MS S/N: AF20880902 PerkinElmer GC/MS Clarus 600 S/N: 664N7060102

Notes:

Toxicology Alcohol/Volatile and Carboxyhemoglobin results will be issued in a separate laboratory report. Please see table below for analytes detected by the blood and urine drug screen methods.

Disposition:

All items: Samples will be returned to your office at our earliest convenience.

Blood and Urine Drug Screen Analytes:


Compound Name

3,4-MDA	3,4-MDEA	3,4-MDMA
6-O-Acetylmorphine	7-Aminoclonazepam	7-Aminoflunitrazepam
Acetaminophen	alpha-Hydroxyalprazolam	Alprazolam
Amitriptyline	Amobarbital	Amphetamine
Atropine	Benzoyllecgonine	Brompheniramine
Buprenorphine	Bupropion	Butalbital
Carbamazepine	Carisoprodol	Chlordiazepoxide
Chlorpheniramine	Chlorpromazine	Citalopram/Escitalopram
Clomipramine	Clonazepam	Clozapine
Cocacethylene	Cocaine	Codeine
Cyclobenzaprine	Desalkylflurazepam	Desipramine
Dextromethorphan	Diazepam	Dihydrocodeine
Diltiazem	Diphenhydramine/Dimenhydrinate	Doxepin
Doxylamine	Duloxetine	Ecgonine Methyl Ester
EDDP	Ephedrine/Pseudoephedrine	Fentanyl
Flunitrazepam	Fluoxetine	Flurazepam
Gemfibrozil	Guaifenesin	Heroin
Hydrocodone	Hydromorphone	Hydroxy Bupropion
Ibuprofen	Imipramine	Ketamine
Lamotrigine	Lidocaine	Lorazepam
Maprotiline	Meperidine	Meprobamate
Methadone	Methamphetamine	Methaqualone
Methylphenidate	Metoprolol	Midazolam
Mirtazapine	Morphine	Naproxen
Nitrazepam	Norcocaine	Nordiazepam
Norfentanyl	Norketamine	Normeperidine
Norpropoxyphene	Nortriptyline	O-Desmethylvenlafaxine
Olanzapine	Orphenadrine	Oxazepam
Oxycodone	Oxymorphone	Paroxetine
PCP (Phencyclidine)	Pentobarbital	Phenobarbital
Phentermine	Phenylpropanolamine (PPA)	Phenytoin
Prazepam	Promethazine	Propoxyphene
Propranolol	Protriptyline	Quetiapine
Risperidone	Salicylic Acid	Secobarbital
Sertraline	Temazepam	Thiopental
Topiramate	Tramadol	Trazodone
Triazolam	Trimipramine	Venlafaxine
Verapamil	Zaleplon	Zolpidem
Zopiclone		

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Sincerely,

Crime Laboratory Division



Jeremiah N. Smith
Forensic Scientist

Analysis Performed:

Salicylate Screen/Trinder's Analyst
Cannabinoid Screen/Alere iCassette® THC
Test Device
Cannabinoid Confirmation/GC-MS Analyst
Urine Drug Screen Analyst

3/5/2020 05:01

www.axisfortox.com

Apollo LIMS→FX20858

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Testing Report
Web: www.axisfortox.com
Phone: (317) 759-4TOX

Laboratory Case Number: 3188166	Subject's Name: PRUDENTE, JOHN
Client Account: 20858 / NDFF001	Agency Case #: NDME20-008
Report To: North Dakota Forensic Examiner ATTN: Medical Examiner 2637 East Main Avenue Bismarck, ND 58501 FX: 701-328-6228	Date of Death: 02/08/2020 Test Reason: Other Investigator: J. HARSCHKE Date Received: 02/19/2020 Date Reported: 03/04/2020

Laboratory Specimen No: 40841639	Date Collected: 02/10/2020 08:50
Container(s): 01:GRT Blood,JUGULAR	Test(s): 70510 Comprehensive Drug Panel, Blood

Analyte Name	Qualitative Result	Quantitative Result	Reporting Limit	Reference Range	Units	Note
VOLATILES	Negative					
Methanol	Negative			Not Established		
Ethanol	Negative			Not Established		
Acetone	Negative			Not Established		
Isopropanol	Negative			Not Established		
AMPHETAMINES	POSITIVE					
Amphetamine	POSITIVE	143	50	10 - 100	ng/mL	
Methamphetamine	POSITIVE	581	50		ng/mL	
ANALGESICS	Negative					
ANESTHETICS	Negative					
ANTICHOLINERGICS	Negative					
ANTICONVULSANTS	Negative					
ANTIDEPRESSANTS	Negative					
ANTIDIABETICS	Negative					
ANTIFUNGALS	Negative					
ANTIHISTAMINES	Negative					
ANTIPSYCHOTICS	POSITIVE					
Quetiapine	POSITIVE	214	50	100 - 1000	ng/mL	
BARBITURATES	Negative					
BENZODIAZEPINES	Negative					
CANNABINOIDS	POSITIVE					
THC	POSITIVE	10.5	1		ng/mL	

PRUDENTE, JOHN

Laboratory Case #: 3188166

Printed Date/Time: 03/05/2020, 05:01

Page: 1 of 2

3/5/2020 05:01

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FORENSIC TOXICOLOGY

Testing Report
 Web: www.axisfortox.com
 Phone: (317) 759-4TOX

Laboratory Specimen No: 40841639

Continued..

Analyte Name	Qualitative Result	Quantitative Result	Reporting Limit	Reference Range	Units	Note
THC-COOH	POSITIVE	48.5	3		ng/mL	
CARDIOVASCULARS	Negative					
GASTROINTESTINALS	Negative					
HALLUCINOGENS	Negative					
MISCELLANEOUS	Negative					
MUSCLE RELAXANTS	Negative					
OPIOID ANALGESICS	POSITIVE					
Naloxone	POSITIVE					
Analyte is qualitatively POSITIVE, but has not been confirmed by an alternate analytical method.						
SEDATIVE/HYPNOTICS	Negative					
STIMULANTS	Negative					
UROLOGICALS	Negative					

Specimens will be kept for at least one year from the date of initial report.

 Specimen identified by the Laboratory Specimen Number has been handled and analyzed in accordance with all applicable requirements.

Laboratory Director

PRUDENTE, JOHN

Case Reviewer

George S. Behonick, Ph.D., F-ABFT

Laboratory Case #:3188166

Print Date/Time:03/05/2020, 05:01

Page: 2 of 2

A handwritten signature in black ink, appearing to read "Kevin D. Shank".

This individual may not have performed any of the analytical work.